

WORK SLIP

Government of Karnataka

BBMP. Dasarahalli

Form No. PWG-45

Estimate Amount: 20.00 Lakhs

Name of The Work: Modified Estimate for the work of Improvements to CC roads Siddarudha Mutta & Siddamma house road at T.Dasarahalli Ward No 15

Work Order No: EE(D.D)/WO/ 303 /17-18, Dt.19.03.2018

Name of the Contractor : Nagaraj Hosur

Job Code No. 015-18-000017

Sl	Description of Item	Unit	As per Sanction Estimate			As per Tender			As per Execution			Qty's		Amount		Remarks
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Excess	Savings	Excess	Savings	
1	2 KSRRB M200-Dismtling of existing structures like culverts, Bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantlet material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specification Lime/Cement concrete I. By Manual Means C Prestressed /Reinforced cement concrete Grade M-20 & above (P-137, It 18.19) PWD SR 2016-17	Cum	18.38	1083.32	19911	18.38	1083.32	19911	41.62	1083.32	45090	23.24	-	25179	-	
2	KSRRB 300 - Excavation for road, drains and similar works - KSRRB 300-1. Earthwork excavation by manual means in Ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH Chapter 3 (P.142/1.19.1 PW, P & I)WTD -SR 2016-17)	Cum	289.38	86.92	25153	289.38	86.92	25153	161.06	86.92	13999	-	128.32	-	11154	

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			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Excess	Savings	Excess	Savings	
1	2 Providing, laying, spreading and compacting graded stone aggregates to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. Specification No. 406 with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work. (PWD SR 2016-17, P.No.158, I No.20.18)	Cum	18.38	1768.08	32497	18.38	1768.08	32497	29.69	1768.08	52496	11.31	-	19999	-	17
3																
4	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @180 kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/1.4.3) PWD - SR 2016-17)	Cum	94.29	5159.02	486444	94.29	5159.02	486444	94.76	5159.02	488858	0.47	-	2414	-	
5	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications, Specification NO KBS 4.6.2 Page No 15/ Item No 4.31/PWD SR 2016-17	Sqm	604.80	310.58	187839	604.80	310.58	187839	144.00	310.58	44724	-	460.80	-	143115	
6	KSRRB M2200-5.9. Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplasticiser @3lts conforming to IS9103-1999 Reaffirmed-2008- i) Upto 5 m height (Pg.No.223, It.no.28.7.9)	Cum	60.48	6965.26	421259	60.48	6965.26	421259	14.04	6965.26	97792	-	46.44	-	323467	

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			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Excess	Savings	Excess	Savings	
1	2 Cement concrete pavement. Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 with 25mm and down size graded granite metal coarse aggregates and fine aggregates with superplastisier @3lts confirming to IS9103-1999 Reaffirmecf2008, mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weight batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.43cum) ((P.No.177, I.No.22.6.1 of PW,P&I/WTDR SR 2016-17)	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
7		Cum	51.24	6217.96	318608	51.24	6217.96	318608	111.37	6217.96	692517	60.13	-	373909	-	
8	Providing groove cutting to concrete pavement for width of 5mm to 10mm and depth 80mm - 100mm including cost of cutting machine, generator & HOM of machinery, including cost of blade, coolant, etc., including cleaning of groove & providing sand and hot bitumen fillars, and filler metal etc., including cost of conveyance of all amterials, labour, lead and lift charges and all other incidental charges as per drawing and as per specifications.(P.No.178, I.No.22.8.1 of PW, P&I/WTDR SR 2016-17)	Rmt	210.00	121.90	25599	210.00	121.90	25599	164.50	121.90	20053	-	45.50	-	5546	
9	Vacuum de-watering with vacuum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, screed vibratory, power Floater, blade and disc etc., with all lead and lift PWD SR 2015-16(P.No.177-I.No.22.7)	Sqm	512.40	95.40	48883	512.40	95.40	48883	754.32	95.40	71962	241.92	-	23079	-	
10	KSRRB M2200-6, Supplying, fitting and placing TMT bar Fe 500 reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specifications MORTH Specification No.1600 & 2200 [P. no.225 - I. no.28.8.2]	KG	4.71	66482.14	313131	4.71	66482.14	313131	6.55	66482.14	435292	1.84	-	122161	-	

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			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Excess	Savings	Excess	Savings	Excess	Savings	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No 17.4/KSRRB : M100-4.1 Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Page No. 133 Item No. 17.1 PWD SR 2016-17	Cum	289.38	85.65	24785	289.38	85.65	24785	202.68	85.65	17359	-	86.70	-	7426			
	TOTAL				1904109			1904109			1980142			566741	490708			

a	Sanction Estimated Amount	Rs.	2000000.00
b	Total Executed Amount	Rs.	1980142.00
c	QC Inspection Charges at 1% of Estimated Cost	Rs.	19801.00
d	Savings (a-b-c)		57.00

Savings	Rs	490708
Excess	Rs	566741

Since the overall expenditure is less than Estimated Sanction amount. The Work slip may please be approved

[Signature]
Assistant Engineer
W-15

[Signature]
ASSISTANT EXECUTIVE
T. Dasarahalli Sub-Division
Bagalagunte, BBMP

[Signature]
Executive Engineer
Dasarahalli Division

[Signature]
CHIEF ENGINEER
Dasarahalli Zone

[Signature]
ಮುಖ್ಯ ಅಭಿವೃದ್ಧಿ ಇಂಜಿನಿಯರ್
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು